

Comparison of COVID-19-related health behaviors among college students with different demographic characteristics (  $\bar{x} \pm s$  )

| Variables   | COVID-specific precautionary behaviors | <i>P</i> | Effect size | Conventional health behaviors | <i>P</i> | Effect size | COVID-19-related health behaviors | <i>P</i> | Effect size |
|---|--|----------|-------------|-------------------------------|----------|-------------|-----------------------------------|----------|-------------|
| Gender  |  | <.01     | .212        |                               | .07      | .085        |                                   | .04      | .096        |
| Male  | 29.83 ± 5.28                           |          |             | 23.57 ± 4.11                  |          |             | 53.40 ± 8.52                      |          |             |
| Female  | 30.92 ± 5.00                           |          |             | 23.24 ± 3.60                  |          |             | 54.17 ± 7.47                      |          |             |
| Residence   |  | .011     | .118        |                               | .017     | .109        |                                   | .01      | .130        |
| Urban   | 30.68 ± 5.17                           |          |             | 23.64 ± 3.99                  |          |             | 54.33 ± 8.03                      |          |             |
| Rural   | 30.07 ± 5.17                           |          |             | 23.22 ± 3.76                  |          |             | 53.29 ± 8.01                      |          |             |
| College year                                      |  | <.01     | .059        |                               | <.01     | .024        |                                   | <.01     | .049        |
| Freshman  | 32.48 ± 4.56                           |          |             | 23.92 ± 4.04                  |          |             | 56.41 ± 7.62                      |          |             |
| Sophomore   | 30.62 ± 5.21                           |          |             | 24.01 ± 3.76                  |          |             | 54.63 ± 7.91                      |          |             |
| Junior  | 29.32 ± 5.33                           |          |             | 22.81 ± 3.80                  |          |             | 52.13 ± 8.05                      |          |             |
| Senior  | 29.11 ± 4.76                           |          |             | 22.75 ± 3.76                  |          |             | 51.86 ± 7.66                      |          |             |
| Academic major                                    |  | .014     | .114        |                               | .232     | .054        |                                   | .03      | .100        |
| Medicine  | 30.68 ± 4.97                           |          |             | 23.53 ± 3.81                  |          |             | 54.21 ± 7.82                      |          |             |
| Others  | 30.09 ± 5.33                           |          |             | 23.32 ± 3.92                  |          |             | 53.41 ± 8.20                      |          |             |
| Family economic level                             |  | <.01     | .008        |                               | <.01     | .015        |                                   | <.01     | .018        |
| High  | 30.55 ± 5.80                           |          |             | 24.04 ± 4.00                  |          |             | 54.59 ± 8.82                      |          |             |
| Medium  | 30.50 ± 4.75                           |          |             | 23.26 ± 3.73                  |          |             | 53.76 ± 7.46                      |          |             |
| Low   | 28.95 ± 5.39                           |          |             | 22.43 ± 4.05                  |          |             | 51.38 ± 8.38                      |          |             |
| Self-reported health status                       |  | <.01     | .022        |                               | <.01     | .035        |                                   | <.01     | .029        |
| Good  | 30.72 ± 5.10                           |          |             | 23.75 ± 3.82                  |          |             | 54.47 ± 7.87                      |          |             |
| Medium  | 29.01 ± 5.05                           |          |             | 22.20 ± 3.54                  |          |             | 42.81 ± 7.54                      |          |             |
| Bad   | 27.31 ± 6.54                           |          |             | 20.31 ± 5.71                  |          |             | 47.63 ± 11.99                     |          |             |
| Family member or friend infected with coronavirus |  | <.01     | .859        |                               | <.01     | .464        |                                   | <.01     | .777        |
| Yes   | 34.59 ± 3.39                           |          |             | 25.14 ± 5.22                  |          |             | 59.73 ± 7.80                      |          |             |
| No  | 30.20 ± 5.16                           |          |             | 23.35 ± 3.80                  |          |             | 53.55 ± 7.96                      |          |             |
| Health literacy level                             |  | <.01     | .516        |                               | <.01     | .592        |                                   | <.01     | .624        |
| Inadequate  | 29.28 ± 5.31                           |          |             | 22.50 ± 3.76                  |          |             | 51.77 ± 7.91                      |          |             |
| Adequate  | 31.87 ± 4.58                           |          |             | 24.70 ± 3.66                  |          |             | 56.56 ± 7.35                      |          |             |